

# GLACIER-EA®

GLACIER-EA® is a methylated seed oil (HMSO) adjuvant that contains a high concentration of surfactant. It is designed for lower use rates and better desiccation of yield-robbing weeds than standard modified seed oils. GLACIER-EA utilizes a low foaming technology for smooth mixing and provides superior wetting and penetrating characteristics. Use GLACIER-EA in place of your current methylated seed oil for improved performance.

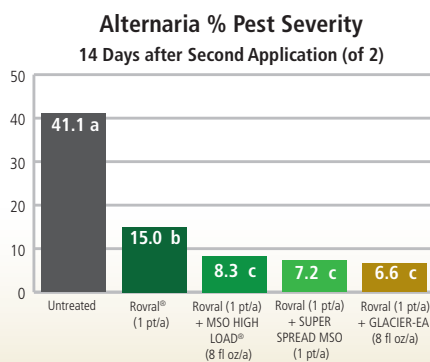
## Features

- **HIGH LOAD®** methylated seed oil plus a proprietary nonionic surfactant.
- Designed to work with most pesticides, including herbicides, fungicides and insecticides.
- Formulation provides excellent tank mix compatibility properties.
- Low foaming technology.
- Labeled for aquatic use.
- NPE free product.

## Benefits

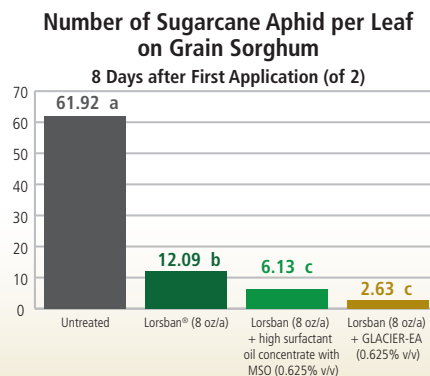
- Allows for this product to be used at lower use rates than standard methylated seed oils.
- Increases wetting and penetrating of the pesticide(s) into the plant tissue.
- Compatible with non-selective tank mixes – improves performance.
- Improves desiccation and burndown over standard methylated seed oils.
- Ability to use with aquatically labeled pesticides.
- Excellent safety and handling characteristics.

### GLACIER-EA + Fungicide



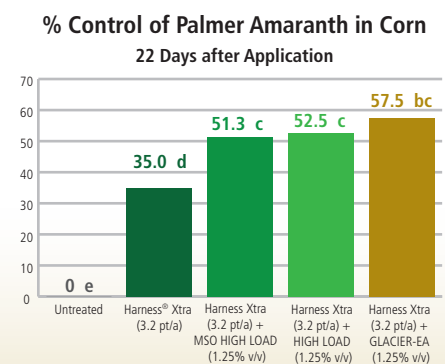
Peter Bruno - Agriscience. Means followed by same letter do not significantly differ

### GLACIER-EA + Insecticide



Peter Bruno - Agriscience. Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

### GLACIER-EA + Herbicide



Wayne Keeling, Texas A&M AgriLife Research, Lubbock, TX. Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

## Focus Crops:

Corn, sorghum, soybeans, dry beans, sugar beets and wheat.

## Principal Functioning Agents % By Wt

Methylated seed oil, Polyoxyethylene polyol fatty acid ester and Butyl lactate.....	96%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT.....	4%
TOTAL.....	100%
Surfactant Content .....	30.4%

## General Information

**GLACIER-EA** is a 60% methylated seed oil HSOC (High Surfactant Oil Concentrate) that is formulated to aid in the spreading and penetration of a pesticide spray through the waxy cuticle. **GLACIER-EA** is a 96% high concentration, multifunctional adjuvant with wetting, spreading and superior penetrating properties.

**GLACIER-EA** may be used in place of nonionic surfactants, methylated seed oils (MSO) or crop oil concentrates (COC) in liquid spray mixtures. When used as directed, **GLACIER-EA** maximizes the activity of certain pesticides; therefore, care must be taken when treating sensitive crops during periods when plants are subjected to drought stress, high temperatures or high humidity.

Approved for aquatic use with pesticides labeled for aquatic use.

## Directions For Use

**MIXING INSTRUCTIONS:** Start with a clean sprayer. **GLACIER-EA** should be added to the tank according to the mixing order recommended on the pesticide product label. Agitate while mixing and during spraying.

## Use Rates

Rates of **GLACIER-EA** may vary with conditions of application, plant characteristics, target site and environmental conditions.

Use **GLACIER-EA** at a rate of 4-32 fl oz/ac as a replacement for MSOs, nonionic surfactants and crop oil concentrates. The **HIGH END** of the recommended use rate may be necessary during periods when weeds are subjected to extreme stress or when high weed populations exist.

**AQUATIC:** Follow the rates and application recommendations that are shown for oil adjuvants (MSOs and COCs) on the pesticide label.

Oil Adjuvant Recommended on Pesticide Label Rate/Acre	Amount of GLACIER-EA to Apply Rate/Acre
1 pt/ac	0.75–1.0 pt/ac
1.5 pt/ac	0.75–1.50 pt/ac
1 qt/ac	1 pt–1 qt/ac

Rate % v/v	Amount of GLACIER-EA to Apply Rate/100 Gallons
0.25	1 pt–1 qt/100 gal
0.5	1–2 qt/100 gal
1.0	2–4 qt/100 gal

For pesticides and herbicides that permit use of an adjuvant at a higher rate, follow instructions on that pesticide and herbicide label. **HOWEVER, DO NOT ADD THIS PRODUCT AT A RATE WHICH EXCEEDS 5% OF THE FINISHED SPRAY VOLUME, EXCEPT WHEN USED AS A DILUENT IN DORMANT, BASAL, SITE PREPARATION OR OTHER SIMILAR APPLICATIONS PER LABEL INSTRUCTIONS.** Prior to use, read and follow all directions on this label and on the label of the pesticide being used.